## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S14	628	(firmware or controller\$1) and (plant\$1 or products or fixtur\$3 or maufactur\$3) and (macro\$1 or script\$3) near5 (interpret\$3 or compil\$5) and event\$1 and (@ad<"20011031" or @rlad<"20011031" or @prad<"20011031")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 12:10
S15	43	((firmware or controller\$1) and (plant\$1 or products or fixtur\$3 or maufactur\$3) and (macro\$1 or script\$3) near5 (interpret\$3 or compil\$5) and event\$1 and (@ad<"20011031" or @rlad<"20011031" or @prad<"20011031")) and (firmware or controller\$1) same (macro\$1 or script\$3) near5 (interpret\$3 or compil\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 11:55
S18	63	((firmware or controller\$1) and (plant\$1 or products or fixtur\$3 or maufactur\$3) and (macro\$1 or script\$3) near5 (interpret\$3 or compil\$5) and event\$1 and (@ad<"20011031" or @rlad<"20011031" or @prad<"20011031")) and (firmware or controller\$1) same (macro\$1 or script\$3) near5 (interpret\$3 or compil\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 12:01
S24	337	(firmware or controller\$1) same (macro\$1 or script\$3) same (interpret\$3 or compil\$5) and (@ad<"20011031" or @rlad<"20011031" )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 12:34
S30	202	(firmware ) with (macro\$1 or script\$3) and (@ad<"20011031" or @rlad<"20011031" or @prad<"20011031" )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 12:35
S31	57	(firmware ) with (macro\$1 ) and (@ad<"20011031" or @rlad<"20011031" or @prad<"20011031" )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 13:20

## **EAST Search History**

S37	6	("programmable logic controller" or plc) with (macro )and (@ad<"20011031" or @rlad<"20011031" )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 12:55
S38	54	("programmable logic controller" or plc) same (macro or script )and (@ad<"20011031" or @rlad<"20011031" )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 13:15
S39	3	"20030060915"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 13:02
S40	58	("programmable logic controller" or plc) same (macro )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 13:17
S41	· 19	S40 not S38	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 13:15
S42	3641	("programmable logic controller" or plc or controller or programmable) same (macro )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 13:17
S43 ·	110	("programmable logic controller" or plc or (controller near programmable)) same (macro )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 13:30
S44	81	S43 and (@ad<"20011031" or @rlad<"20011031" or @prad<"20011031")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 13:20
S45	787	(high\$1level or "high level" or C++ or ada or java) with(macro )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON .	2006/11/18 13:29
S46	110	(high\$1level or "high level" or C++ or ada or java) with (compil\$5 or interpret\$5) with(macro)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 13:30

## **EAST Search History**

S47	47	S46 and ("programmable logic controller" or plc or (controller near programmable) or firm\$1ware or controller)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 17:48
S48	787	(high\$1level or "high level" or C++ or ada or java) with(macro)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 17:54
S49	346	S48 and ("programmable logic controller" or plc or (controller near programmable) or firm\$1ware or controller)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 17:49
S50	246	S49 and (@ad<"20011031" or @rlad<"20011031" or @prad<"20011031")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 17:53
S51	36	(high\$1level or "high level" or C++ or ada or java) with(macro ) same ("programmable logic controller" or plc or (controller near programmable) or firm\$1ware or controller)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 18:06
S52	86	(high\$1level or "high level" or C++ or ada or java) same (macro ) same ("programmable logic controller" or plc or (controller near programmable) or firm\$1ware or controller)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 18:13
S53	50	S52 not S51	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 18:06
S54	157	(macro ) same (compil\$5 or interpret\$5) same ("programmable logic controller" or plc or (controller near programmable) or firm\$1ware or controller)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 18:13